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PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 21st September 1963

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

The 31st August 1963

89671. Canadian Industries Limited. Heat sealing of thermoplastic films. (6th September 1962).
89672. Snam S.p.A. Process for purifying acrylonitrile from acetonitrile.
89673. Sperry Rand Corporation. Tape cleaning means and methods.
89674. C. Otto. Multiple gun flue coke oven battery.
89675. W. R. Patil. Improvements in or relating to the production of salts.
89676. California Research Corporation. Polyhaloalkylpolythio alkanols.
89677. H. Anfinset. A method of preparing plates or coatings on articles from a mineral mass containing a setting binder.
89678. Metallurgical Engineers Limited. Improvement in heat exchangers.
89679. Standard Telephones and Cables Limited. Improvements in or relating to electrically insulating materials. (31st August 1962).
89680. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Acid amides and process for the manufacture thereof.
89681. F. Hoffmann-La Roche & Co. Aktiengesellschaft. Process for the manufacture of benzophenone derivatives.
89682. The Carborundum Company. Sintered abrasive grains, method of producing them, and grinding wheels comprised thereof.
89683. Merck & Co., Inc. Dibenzocycloheptenes.
89684. L. Labs. Manufacture of squeeze tubes out of polyethelene and allied materials.
89685. Council of Scientific and Industrial Research. A process for the preparation of pancreatin from buffalo pancreas.
89686. C. B. Patel. Improvement and modification in the manufacture of gass furnaces used in industry.

The 2nd September 1963

89687. V. S. A. Sagar. A leverless hand-operated arch type mechanism for stationery/office files.

89688. V. S. A. Sagar. A pressure clip for lever or leverless arch mechanisms and the like used on stationery files.
89689. Unilever Limited. Treatment of food products.
89690. The National Smelting Company Limited. Improvements in or relating to the vaporisation of metal. (27th September 1962).
89691. The National Smelting Company Limited. Improvements in or relating to the production of metallic dust. (15th October 1962).
89692. Shell Internationale Research Maatschappij N. V. process for the reduction of the pour point of hydrocarbon oils.
89693. Imperial Chemical Industries Limited. Chlorinated polyvinyl chloride. (17th September 1962).
89694. Aktiebolaget Jonkoping-Vulcan. Method of peeling veneer or the like and tool for performing the method.
89695. May & Baker Limited. Process for the preparation of isothiazole derivatives. [Addition to No. 81249]. [Divisional date 15th March 1962].
89696. May & Baker Limited. Compositions containing isothiazole derivatives. [Divisional date 15th March 1962].
89697. G. N. Pettersen. Improvement in containers for sensitive liquids. (3rd September 1962).
89698. Akademia Gorniczko-Hutnicza Dzial Aparatury. Naukowej. Magnetic defectograph for examining ropes, rods and steel pipes.
89699. Rolls-Royce Limited. Improvements in or relating to the forming and heat treatment of sheet-metal articles. (14th September 1962).
89700. H. Berkes. Collapsible box or case.
89701. Mechanische Baumwollspinnerei Und Weberei Augsburg. An apparatus for the doffing especially the automatic doffing of cops from the spindles of spinning frames, twisting machines and the like.
89702. Deutsche Gold-Und Silber-Scheideanstalt Vormals Roessler. Improvements in or relating to triazine derivatives process for their production and herbicidalagents employing these triazine derivatives. [Addition to No. 81661]. [Divisional date 6th April 1962].

3rd September 1963

89703. Indian Plywood Manufacturing Company Limited. Improved decorative and figured veneers, boards and the like and process for manufacture of the same.

89704. Celanese Corporation of America. Treating vehicle for filamentary material and method of improving the properties of such material. (4th July 1963).
89705. Ciba Limited. Application of dyestuff bleaching catalysts in the silver dyestuff bleaching process.
89706. J. Shimizu. A filtering apparatus.
89707. Sankyo Company Limited. New 1-substituted cycloheptimidazol-2(1H)-one compounds and the process for preparing the same.
89708. N. V. Onderzoekingsinstituut Research. A process for the preparation of polyethylene terephthalate.
89709. Preformed Line Products Company. Appliance for linear bodies.
89710. Union Carbide Corporation. Olefin polymerization process and catalyst therefor.
89711. V. A. Kny. Improvements in or relating to cooling system for roofings.
89712. Ciba Limited. New azo dyestuffs.
89713. Ciba Limited. Manufacture of new pyridine compounds.
89714. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for stabilizing polyolefines.
89715. Toyo Koatsu Industries, Incorporated. Process for producing vinyl chloride.
89716. Toyota Koki Kabushiki Kaisha. A conveyor system for assembling a machine tool and the like. [Addition to No. 83777].
89717. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to cathode-ray tubes of the kind having a glass bulb.
89718. N. V. Philips Gloeilampenfabrieken. Improved method of producing 10 α -methyl steroids oxygenated at position 16.
89719. N. V. Philips Gloeilampenfabrieken. Improved method of oxygenating steroids with the aid of micro-organisms of the family of sphaerioidaceae.
89720. N. V. Philips Gloeilampenfabrieken. Improvements in and relating to methods of producing black, metal-containing surface layers.
89721. W. Scheffel. Loom with pneumatic picking means.
89722. Hitachi Ltd. Transformer windings.
89723. American Machine & Foundry Company. Tube welding by use of induction heating.
89724. V. D. Roosa. Fuel pump.
89725. V. D. Roosa. Fuel pump.
89726. Libbey-Owens-Ford Glass Company. Method of bending glass sheets.
89727. The Cincinnati Milling Machine Co. Information translating system for converting digital information.
89728. E. Merck Aktiengesellschaft. New steroids and methods of their preparation.
89729. Mechanische Baumwollspinnerei Und Weberei Augsburg. Thread-splitting device for spinning frames or the like.
89730. Mefina S. A. Material presser device for a sewing machine.
89731. Mefina S. A. Shuttle device having a rotating hook for a sewing machine.
89732. AMP Incorporated. Electrical receptacle.
89733. Glaverbel. Process and plant for the manufacture of a glass ribbon.
89734. Welded and Allied products Limited. Improvements relating to roller conveyors. (5th September 1962).
89735. Sperry Rand Corporation. Video amplifier.
89736. H. Heaton. Improvements in rotary epicyclic gear mechanism.
89737. Molins Machine Company Limited. Improvements in or relating to the manufacture of mouthpiece cigarettes. (5th September 1962).
89738. Sandoz Ltd. Improvements in or relating to organic compounds. (5th September 1962).
89739. N. V. Onderzoekingsinstituut Research. An improved fibre cutter.
89740. Imperial Chemical Industries Limited. Expanded polymeric compositions. (13th September 1962).
89741. Imperial Chemical Industries Limited. Chlorinated polyvinyl chloride. (17th September 1962).
89742. Pirelli General Cable Works Limited. Improvements in or relating to the sheathing of electric cables. (19th September 1962).
89743. Girling Limited. Improvements in brakes for vehicles. (14th September 1962).
89744. Argus Chemical Corporation. Organic phosphites and synthetic resin compositions containing the same.
89745. The Firestone Tire & Rubber Company. Apparatus for and method of building a tire.
89746. Nichimen Co., Ltd. Manufacturing of polyvinyl acetate inden copolymer emulsion.
89747. Nichimen Co., Ltd. Improved emulsion paint or dyestuff preparation.
89748. Libbey-Owens-Ford Glass Company. Method and apparatus for bending and tempering glass sheets.

The 5th September 1963

89749. R. A. Desai. Refining of vegetable oil. (15th September 1960).
89750. G. B. & Company and Niranjan Sen. A machine for the inspection and rolling up of jute fabrics.
89751. Klockner-Humboldt-Deutz Aktiengesellschaft. A process for the wet classification or desliming of fine granular or fine and medium granular solid substances. (12th July 1963).
89752. Indian Oxygen Limited. Improvements in or relating to apparatus for practising and teaching expired air artificial respiration.
89753. Ishikawajima-Harima Jukogyo Kabushiki Kaisha. Method for adding additives to molten steel while tapping.
89754. N. V. Philips Gloeilampenfabrieken. Improved method of producing 17 β -hydroxy-retrosteroids.
89755. Rolls-Royce Limited. Improvements in or relating to the forming and heat treatment of sheet-metal articles. (31st May 1963).
89756. J. Aubert and Societe Generale De Traction Et D'Exploitation. Improvements in water ramp installations.
89757. Jyoti Prasad Mukherji and Walchandnagar Industries Limited. Improvements in or relating to sulphur burners. [Addition to No. 78210].

The 6th September 1963

89758. P. R. Phatak. Machine or mechanism to perform or operate a thermo-cycle for conversion of heat energy to mechanical energy and *vice versa*, by using a new method of forming chambers of variable volumes through rotary motion of the components.
89759. Ruti Machinery Works Ltd. Feeler needle mechanism for exploring pattern cards of looms.
89760. Construction Equipment Co. Pty. Limited. Crane attachment for tractor.
89761. M & T Chemicals Inc. Method of preventing etch in plating baths.
89762. M & T Chemicals Inc. Method of etch prevention.
89763. M & T Chemicals Inc. Novel method of preventing etch on steel and iron in plating baths.
89764. M & T Chemicals Inc. Method of treating electrodes for use in electroplating baths.

89765. M & T Chemicals Inc. Improved method of preventing etch on cast iron in plating baths.
- 89766 M & T Chemicals Inc Method of stopping-off plating in electroplating baths
- 89767 M & T Chemicals Inc. Method of stop-off of cathodes pieces in chromium plating baths.
- 89768 Phillips Petroleum Company. Fibre product and method of preparation thereof.
89769. H Papst. Swash-plate mechanism for internal combustion engines
- 89770 N. V. Appleton Pty. Ltd. Mounting of grille bars on louver windows. (13th September 1962)
89771. Deutsche Gold-Und Silber-Scheideanstalt Vormal's Roessler. A process for the production of new 2-aryl-1-alkyl compounds (29th July 1963).
- 89772 The Pyrene Company Limited Improvements relating to the treatment of metal surfaces. (14th September 1962).
89773. Ciba Limited Process for the preparation of silver halide emulsions by the flocculation method.
89774. G A. Tagliaferri. Electric crucible furnace with central core for ferrous and non-ferrous metals in which the stirring of the molten metal can be controlled.
- 89775 Mineralimpex Magyar Olaj—Es Banyatermek Kulkereskedelmi Vallalat. Basic refractory brick and method of making the same.
80025. J. Litvan Apparatus for the recovery of seed flax straw fibres Accepted on 6th September 1963
- Wherein the device for stretching and parallelizing the fibres comprises spiked pair of rollers, a deep-grooved pair of rollers rotating at a peripheral speed higher than that of the first roller pair, and further spiked cylinder and device for streaming the fibres consists of chest connected with sucking fan*
- 80138 Barrow, Hepburn & Gale Limited Improvement in or relating to conveyor belting. Accepted on 6th September 1963
- Fabric reinforcement in the form of single plied spaced apart at predetermined distance one from the other over the belt width in one or more planes parallel to the surface of the belt*
80614. Polymer Corporation Limited Improvement in the processing of high cis-1, 4 butadiene-1, 3 polymers Accepted on 5th September 1963.
- Heating the polymer at temperature within the range of 200—400°F.*
- 81046 Tokheim International AG Improvements in or relating to casing for a fluid handling device and hand operated diaphragm pump incorporating the same Accepted on 2nd September 1963.

Alteration of date

81066. The claim to priority date 6th March 1961 has been abandoned and the application dated as of 3rd March 1962, the date of filing in India.
82710. The claim to priority date 26th June 1961 has been abandoned and the application dated as of 12th June 1962, the date of filing in India.
- 82963 Post-dated to 4th March 1963 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give notice to the Patent Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course The price of each specification is Rs 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list

If required typed copies of the specification together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

79594. Deccan Gas Corporation Improved device for liquefying CO₂ gas. Accepted on 31st August 1963.

Liquid NH₃ passing through vertical pipes cage liquefies CO₂ in cylinder fitted in the middle of said cage and surrounding by brine.

- 79747 Westinghouse Electric Corporation. Improvements in or relating to high gain transistor [Addition to No 79570]. Accepted on 6th September 1963

Improvement in Indian Specification No. 79570 wherein a second low resistance and non-rectifying bridge is provided between the third or final base electrode and the second or penultimate emitter electrode

81066. Briston Siddeley Engines Limited Fluid fuel burning equipment aircraft power plants Accepted on 3rd September 1963.

Burns fuel in air flowing from compressor to the outlet in the region of junction of the stub duct carrying nozzles and arcuate chamber.

81092. J. R. Geigy A-G Process for the production of reactive azo dyestuffs and their use for the dyeing and printing of cellulosic textile material. Accepted on 5th September 1963

Coupling diazo compound of an aromatic amine containing in O-position to diazotisable amino group a metallisable group with a coupling component of benzene, naphthalene or pyrazolone series

81118. K Haussermann and H. Haussermann. Clutches, in particular friction clutches. Accepted on 6th September 1963

Provided with at least two plate springs with annular faces lying on one another with their annular surfaces in mutual contact.

- 81173 General Aniline & Film Corporation Fiber-treating process. Accepted on 3rd September 1963.

Comprising carrying out the heat curing treatment in the presence of a boron-containing compound.

- 81174 Goodlass Wall & Co Limited Process for the production of modified epoxy resins, epoxy resins so produced and coating composition comprising the same (15th March 1961) Accepted on 5th September 1963.

Heating epoxide resin with pentaerythritol to a temperature from 180°C to 230°C for at least 5 hours and cooling the product

81176. Anaconda Aluminum Company. Tubular containers. (5th October 1961). Accepted on 2nd September 1963.

Comprising a rigid body having end closure caps, said body having at least one ply of body stock helically wound into tubular form and having secured thereto at least one surface ply of laminate of fluid-impervious film and paper so arranged that the paper layer adjoins the body stock and the film layer faces away from the body stock.

81206. Indevco Limited. Coating sheet metal. Accepted on 6th September 1963.

The process comprising maintaining sheets of metal to be coated in a heated condition in a laterally confined space in vertical position above the normal level of a dense-phase aerated bed of a particulate thermoplastic material, displacing the particulate material partly upwards so that the aerated material is brought into contact with hot sheets.

81219. Artos Maschinenbau Dr. Ing. Meier-Windhorst. Washing and impregnating apparatus, specially for continuous type of textile products. Accepted on 5th September 1963.

The cloth to be washed and impregnated is exposed to the action of rollers having soft, porous and perforated coating being fully or partly immersed in the liquid for treatment.

81241. Cardwell Westinghouse Company. Draft gear arrangement in railway cars. Accepted on 3rd September 1963.

For mounting in the draft pocket having front and rear stops, including a casing, a cushioning mechanism, a friction clutch mechanism, and an intermediate follower.

81242. V. K. Paranjape. Improvements in or relating to the recovery of zinc in the form of metal or its compounds from galvanising plant residues. [Addition to No. 64893]. Accepted on 31st August 1963.

Residues crushed and heated to dissociation temperature of zinc oxychloride to obtain crude zinc oxide in solid form and zinc chloride in gaseous form, the gaseous product being cooled and liquified under cover of hydrochloric acid gas.

81261. Dufaylite Developments Limited. Structural Honeycomb Materials. (22nd March 1961). Accepted on 3rd September 1963.

Of the expandable type produced from fibulous sheet material using a wet adhesive.

81267. Bristol Siddeley Engines Limited. Improvements in aircraft propulsion power units. Accepted on 3rd September 1963.

In which the bearings are inclined at droop angle at 15° to 45° with transverse horizontal direction and nozzles deflect air approximately through divergence angle of 50° to 75° so that flow from outlet into elbow nozzles is, obliquely downwards, rearwards and laterally outwards from a vertical fore and aft plane.

81268. Bristol Siddeley Engines Limited. Improvements in aircraft jet propulsion nozzles and engines. Accepted on 3rd September 1963.

Comprises means in communication with secondary fluid flow passage and associated with cascade of vanes in the main passage of nozzle defining a throat, and operative to vary the throat area.

81317. W. A. Hahs. Bearing housing assembly and locking method. Accepted on 3rd September 1963.

Wherein housing for bearing is located within a tubular casing by inserting the same there through and removable latching means on the center hub of the bearing, becoming inoperative during locating of housing with the casing for bearing.

81402. Council of Scientific and Industrial Research. Improvements in or relating to electro-deposition of metals, particularly manganese, by direct current electrolysis of aqueous solutions containing metal ions. Accepted on 31st August 1963.

Adding selenium compounds to electrolytic bath.

81404. K. S. P. Padmanabhan. Lifting device. Accepted on 3rd September 1963.

Comprising a frame work on which are rotatably mounted a set of gear wheels and sprocket wheels said wheel being connected by chain drive a rope drum mounted at one extreme end of the frame work with rope guiding pulleys mounted on base held by brackets.

81493. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to braking devices for coil winding machines. Accepted on 2nd September 1963.

Comprising a number of friction elements adjustably loaded separately, the elements during operation are all located opposite to rigidly connected friction elements and in which wire travels between the adjustably loaded element and the rigid elements.

81515. Diamond Power Specialty Corporation. Improvements in or relating to viewing device for use with liquid level gauges. Accepted on 5th September 1963.

Having a lens in front of the gauge and a hood in between the lens and gauge, which prevents light of undesired colour from striking the lens.

81519. Westinghouse Brake and Signal Company Limited. Controllable rectifier circuit arrangements. (2nd June 1961). Accepted on 5th September 1963.

Comprising at least two parallel connected controllable rectifier paths and means for rendering said paths conducting cyclicly for discrete periods of time.

81579. Vyzkumny Ustav Bavlarsky, Usti Nad Orlici. Two-part quilting and knitting needle and method for manufacturing thereof. Accepted on 5th September 1963.

Provided on the outer shaft with a pointed hook and a closed groove or hollow space for guiding a grooved latch.

81611. Stolberger Zink Aktiengesellschaft Fur Bergbau Und Huttenbetrieb. Improvements in and relating to zinc casting alloys. Accepted on 31st August 1963.

Zinc casting alloy having 1 to 10% aluminium, .1 to 5% copper, .005 to 0.05% magnesium, over .0001 to less than 0.01% Be, remainder fine zinc 99.99 to 99.95%.

81633. South African Council for Scientific and Industrial Research. A system in which the position of radio receiving apparatus is determined in relation to the position of associated transmitting apparatus. Accepted on 6th September 1963.

In the system not more than two radio frequency channels are used for complete resolution and such that the transmitting and receiving apparatus is fixed tuned in relation to these two channels and a simple sequence of switched frequencies provides the required phase information at the receiving apparatus.

81635. Vdo Tachometer Werke Adolf Schindling G.m.b.H. Recording device. Accepted on 3rd September 1963.

Characterized in that means are provided for display of recordings of certain preferably decadal, multiples of the power strokes, numbers of pieces which are to be recorded.

81658. General Electric Company. A lubricating composition containing silicone. Accepted on 4th September 1963.

Comprising (1) a lubricating fluid from a class consisting of silicone and (2) a mixture of ingredients on a weight basis (a) from 5 to 95% of olefin and (b) from 95 to 5% of a compound cetene or decene-1.

81695. H. J. Dietzsch. Method of producing materials of honeycomb or cellular structure, and to apparatus for the same. Accepted on 2nd September 1963.

Which comprises embedding in a layer of soft hardenable material a large number parallel pins, hardening the material and then withdrawing the pins in the direction of their longitudinal axes.

81698. Ciba Limited. Dyestuff preparations and process for their manufacture and use. Accepted on 5th September 1963.

Comprises admixing a wetting or dispersing agent or a colloid protecting substance with a vat dyestuff containing a group imparting solubility in water.

81703. W. & T. Avery, Limited. Improvements relating to material feeding and weighing apparatus. (18th April 1961). Accepted on 6th September 1963.

Angular movement of a rotatable element being proportional to the loading of a conveyor, a fixed reference element and a carrier member mounted for rotation and connecting the conveyor and scanning means carried by said carrier member.

81704. Babcock & Wilcox Limited. Improvements relating to mills. (11th May 1961). Accepted on 6th September 1963.

Comprises grinding zone, classifier to separate oversize particles by whirling elastic fluid and outlet valve including closely adjacent members pivot on a ring and gravity biased to closed position members overlapping one another.

81706. National Research Development Corporation. Improvements in or relating to rotary electric machines. (14th April 1961). Accepted on 6th September 1963.

Pole changing is effected by the method of asymmetrical pole-amplitude modulation, wherein all the coils of all the phase-windings are included in circuit for both the original and the modulated connections.

81708. Power Jets (Research and Development) Limited. Aircraft. Accepted on 3rd September 1963.

Having of helicopter rotor with blades of substantially circular cross-section.

81720. M. S. Bromfield. Process and apparatus for making shoes. (28th April 1961). Accepted on 5th September 1963.

Mulling shoe uppers in a chamber, controlling the sprays, lasting the uppers, force drying the uppers, preheating the uppers and outsoles, applying cement to the insoles and outsoles, drying the cement, inserting the heel and activating the cement.

81726. Pittsburgh Plate Glass Company. A method of producing an ethylenically unsaturated hydrocarbon chloride. Accepted on 2nd September 1963.

Chlorinating saturated aliphatic hydrocarbon in presence of oxygen and a metal halide as catalyst.

81956. Electrolux Corporation. Apparatus for and method of closing the ends of flexible containers. Accepted on 31st August 1963.

Includes the steps of moving the containers in spaced relationship along a path with their open ends parallel to the direction of movement reducing the space between the containers applying a continuous strip of sealing tape to the open ends of the container and thereafter severing the strip between each container.

82030. Kaiser Aluminum & Chemical Corporation. Method for arc welding of aluminium members. Accepted on 2nd September 1963.

Supplying under an arc voltage, an arc welding current to the co-wire electrode, maintaining the current density at 12000 to 35000 amperes/square inch of electrode, maintaining the electrode in spaced relationship with the members to be welded and adjusting the rate of wire feed in response to variation in arc length.

82031. Union Tank Car Company. Apparatus for handling flowable material. (16th August 1961). Accepted on 3rd September 1963.

Wherein a container for intermittently storing the material is rigidly connected to and supported by a resilient portion of a conduit conducting the material to and from the container.

82129. Worthington Corporation. Unloader means for a reciprocating compressor. Accepted on 3rd September 1963.

Having an annular element slidably mounted about the cylinder in the compression portion, and movable with the second partition forming suction manifold and discharge compartment in the portion to cut off communication between the cylinder and suction manifold.

82132. Dunlop Rubber Company Limited. Improvements relating to the production of moulded articles. (13th May 1961). Accepted on 3rd September 1963.

Wherein the polyurethane foam forming mixture, foamed compounded latex or other fluid precursor is charged into a mould formed of a synthetic resin composition in which a minor proportion of a wax is present.

82147. Aktiebolaget Vapor. Lined folding container as well as method of producing a filled and sealed package therefrom. Accepted on 4th September 1963.

Flat folding container with its liner being sealed closed at least at one end.

82223. C. A. V. Limited. Liquid fuel pumps for internal combustion engines. Accepted on 3rd September 1963.

Piston for determining the setting of the stop means and means responsive to the density and/or viscosity of the fuel.

82234. Societe D'Etudes De Machines Speciales. Improvements in or relating to devices for automatically preadjusting the different elements of a printing machine. Accepted on 3rd September 1963.

Comprises a preliminary marking device adapted to apply on the paper web, before its passage through the first printing apparatus, reference marks disposed at regular intervals corresponding to the printing size.

82249. Pittsburgh Plate Glass Company. Glass cutting apparatus. Accepted on 3rd September 1963.

Comprises two carriages mounted on a supporting structure for guided movement in crossing paths in spaced relationship to the surface of a glass sheet, each carriage having a plurality of scoring means transversely of its path.

82269. Owens-Corning Fiberglas Corporation. A method for processing heat softenable material forming and packaging filaments thereof and apparatus therefor. Accepted on 5th September 1963.
- A plurality of automatic strand winding machines arranged in rows, stream feeders arranged in at least two rows above and in parallelism with first mentioned rows, a plurality of melting and refining furnaces.*
82285. Jaggy & Company. Improvements in or relating to spray guns. Accepted on 6th September 1963.
- Characterized in that the suction chamber is provided with a trigger device and the suction device and the sprayer device are fitted with one-way valves.*
82305. M. Darimont. Improvements in or relating to a wheel barrow or small lift truck for carrying and lifting loads. Accepted on 31st August 1963.
- Load platform is composed of a rigid frame sliding along the rails of the structure on the sides inside of which are swinging freely two arms extending into a tray to hold the load.*
82348. International Business Machines Corporation. Improvements in or relating to office machines. (31st January 1962). Accepted on 3rd September 1963.
- Having an acoustic seal with members in end-wise abutment with each other for the slot through which paper passes.*
82355. Pirelli Societa Per Azioni. Improvements relating to pneumatic tyres for automotive vehicles. Accepted on 31st August 1963.
- Wherein a pair of extensions, each of which includes a radial portion and an axial or substantially axial portion is rendered substantially rigid by bonding to a pair of annular rigid supports.*
82483. Fiehtel & Sachs A. G. Planetary change-speed gear systems. Accepted on 3rd September 1963.
- Wherein the satellite gears wheels are disposed unevenly around the periphery of the sun wheel.*
82492. "Metapic" S. A. Picker retracting mechanism for drop box looms. Accepted on 5th September 1963.
- Consists of two cams and a mechanical linkage connecting the cams so that a small angular displacement of first cam results in larger angular displacement of second cam.*
82610. Shell Internationale Research Maatschappij N. V. Improvements in ducts for the flow of liquid. Accepted on 31st August 1963.
- Duct is provided with a lateral discharge pipe communicating with the conduit at an intermediate part thereof to provide a terminal chamber in the conduit beyond the lateral pipe.*
82650. N. K. Vishwkerma. A cultivating implement. Accepted on 31st August 1963.
- The weight is balanced so that a minimum of pressure is required to be applied onto the handle while operated.*
82696. Cochran and Company, Annan, Limited. Shell type boilers. Accepted on 5th September 1963.
- Wherein combustion chamber wall includes a part which, considered in planes including the longitudinal axis of said chamber extends in a direction having a substantial component and a plurality of smoke tubes having bent end portions in said longitudinal direction.*
82710. Sir Robert McAlpine & Sons Limited. Improved pressure vessel constructed of pre-stressed concrete. Accepted on 31st August 1963.
- Comprising a monolithic body formed of a cylinder closed at both ends by slabs all of concrete pre-stressed in part by an array of post-tensioned cables.*
82744. Veb Tullmaschinenbau Karl-Marx-Stadt. Plushy product, such as carpet or a similar product, and machine for its manufacture. Accepted on 5th September 1963.
- Characterized in that the pile threads are bound up mutually by diagonally running back stitches, the latter forming the plush loops.*
82860. R. P. Heuer. Improvements relating to basic refractory bricks. (2nd October 1961). [Addition to No. 72372]. Accepted on 5th September 1963.
- Refractory body comprising plurality of individual secondary basic refractory bricks of different compositions and a structure of the outside of such body comprising at least two oxidisable metallic plates joined together and holding the secondary bricks in position.*
82907. P. J. Pakleppa and F. J. Stohr. Improvements in means for feeding to the weaving zone of a loom. Accepted on 5th September 1963.
- Comprises a spool holder with a plurality of pipelike spool container cavities to receive spools at spool feed end and discharge the unwound thread from the rear end.*
82962. K. Ramakrishnan. An improved bridge structure. Accepted on 6th September 1963.
- Having a piston-like constituent on which the loads act directly, sliding vertically in a trough-like constituent resting on the main load bearing structure of the bridge span, with water or any other liquid cushion in the trough-like constituent.*
82963. Sourindra Mohan Roy. An improved Indian percussion musical instrument called "tabla". Accepted on 31st August 1963.
- Comprising of a hollow barrel with an open top mouth covered by two or more layers of animal hide or skin forming the percussion surface and secured thereto by a pair of rings of steel wire rope around the barrel wall near the mouth and characterised by the provision of tensioning devices.*
82966. The International Meehanite Metal Company Limited. Improvements relating to the manufacture of cast iron. (27th June 1961). Accepted on 5th September 1963.
- An additive container containing an additive is arranged in a vessel containing molten metal and an inert gas is blown into the vessel through the additive container.*
83110. Matsushita Electric Works, Limited. Rodent repellent compositions. Accepted on 3rd September 1963.
- Comprises an essential ingredients, cycloheximide, γ -BHC and DDT.*
83249. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to electric components having locally deformed connecting wires. Accepted on 31st August 1963.
- Characterized in that the cross section of the deformed portion of a connecting wire is shaped in the form of a star having a small odd number of at least three but not more than seven radiating points uniformly distributed along the periphery and projecting beyond the circumference of the wire.*
83322. Etablissements Quenot & Cie. Improvements in or relating to instrument for tracing circles. Accepted on 31st August 1963.
- Characterized in that it comprises an eyelet formed through the outer end of tape and a lever pivotally mounted on its bottom face adjacent to its rear face.*

83436. Institut Francais Du Pétrole, Des Carburants Et Lubrifiants. Improvements in or relating to controlled hydraulic vibrators. Accepted on 6th September 1963.

Comprising a heavy mass supported by an hydraulic jack and an elastic system against a pulsating plate of relatively small mass, a servo-distributor for fluid under pressure actuating the hydraulic jack and receiving electrical actuating signal and a control device.

83439. Scovill Manufacturing Company. Improvements in or relating to a tire gauge. Accepted on 6th September 1963.

Wherein pressure responsive element consists of elongated body of closed-cell elastomeric material mounted wholly inside the casing elements one end being attached to casing and other end free to move.

83523. Imperial Chemical Industries Limited. Compositions of vinyl chloride polymers with epoxy resins, suitable for coating metals (9th October 1961). Accepted on 4th September 1963.

Comprising (a) a thermoplastic material comprising a mixture of a major proportion of polyvinyl chloride together with a minor proportion of an after chlorinated vinyl chloride polymer (b) an epoxy resin and (c) a hardner for the epoxy resin.

83721. Textron Industries, Inc. Fluted lobular thread-forming member such as swaging taps and the like. Accepted on 6th September 1963.

Characterized by having a lobular shank portion having symmetrically arranged convexly curved threaded lobes, the radius of curvature of the lobes being less than the distance from the member axis to the lobe extremity.

83806. Zavody Na Vyrobu Vzduchotechnických Zariadení, Narodní Podnik. Collecting electrode for dust separators. Accepted on 5th September 1963.

Electrode is made of profiled metal bands being S-shaped or shaped as a question mark and serially arranged in the direction of gas flow.

83811. Owens-Corning Fiberglas Corporation. A process for making fine composite fibres of dissimilar heat softenable materials. Accepted on 3rd September 1963.

Characterized in that the two materials are made to flow in abutting relationship in a common stream which is attenuated into single composite fibre as they cool to solid state.

84222. O—M Ltd. Cans-conveying case to be used for exchanging cans in groups in a spinning machine. Accepted on 5th September 1963.

Has a guide roller, a guide rod, a gear fixed at the end of said guide roller meshing with a gear on a rotating shaft of spinning machine in working position.

84280. Veitscher Magnesitwerke Actien-gesellschaft. Refractory lining for the doors of metallurgical furnaces. Accepted on 31st August 1963.

Comprising alternately arranged zones of refractory bricks and interposed lining zones of crushed refractory material.

84557. D. F. Ednell. Method of manufacturing articles from a fibre pulp. Accepted on 5th September 1963.

Characterized in that the previous surface during deposition of the fibres is subjected to an oscillating motion.

Opposition Proceedings

An opposition has been entered by the Jay Engineering Works Ltd. to the grant of a patent on application No. 82422 made by the Asoke Kumar Bose.

Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy:—

75428.	75512.	75521.	75571.	75610.	75647.	75726.
75884.	75920.	75962.	76036.	76164.	76332.	76575.
76713.	76714.	76764.	76777.	76791.	76802.	76803.
76824.	76838.	76839.	76845.	76847.	76852.	76859.
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77093.	77156.	77157.	77174.	77177.	77202.	77319.
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Patents Sealed

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77927.	77934.	77950.	77969.	77974.	78005.	78053.
78110.	78130.	78158.	78280.	78317.	78322.	78344.
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Amendment Proceedings

(1)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Chas. Pfizer & Co., Inc., a corporation organised and existing under the laws of the State of Delaware, United States of America, of 11, Bartlett Street, Brooklyn, New York, United States of America, Manufacturers, seek leave to amend the name, nationality and address of the Applicant in the application, specification and drawings in respect of Patent application No. 76723. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (Form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

(2)

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that United Carbon Company, Inc. (Maryland), a Company organised under the laws of the States of Maryland, of Post Office Box 1503, Huston 1, Texas, United States of America seek leave to amend the name and address of applicants in the application, specification and drawing in respect of Patent application No. 79294. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (Form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

Renewal Fees Paid

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Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including in the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

- Class 1. Nos. 117416 to 117419. Mathura Dass Dawarka Das (An Indian Partnership Concern), Mathura (U.P.), India, "A water pitcher", March 15, 1963.
- Class 1. No. 117943. Abdeali Taiyebally Gabajiwalla and Abdulhusain Taiyebally Gagajiwalla, 205 Abdul Rahman Street, Bombay-3, Maharashtra State, Indian Subjects, "Toys", April 30, 1963.
- Class 1. No. 118075. Ram Sarup, Indian National, Rly. Road, Kapurthala, Punjab State, "Non-electric pressure cookers", May 9, 1963.
- Class 1. No. 118371. Yasuhito Yamaoka, a Japanese National, 84 Shomokamo-Tadokuracho, Sakyo-ku, Kyoto City, Japan, "Out board propeller attachment", June 12, 1963.
- Class 1. No. 118461. Jodh Singh Sagoo, Tanda Road, Jullundur City, Punjab, India, Indian Citizen, "Motor starter", June 19, 1963.
- Class 3. No. 117784. Super Seals India Private Limited, 5, Scindia House, New Delhi, a Private Joint Company registered under the Indian Companies Act. "Diaphragm seal", April 17, 1963.
- Class 3. No. 117983. Birbal Mohindar, Indian national, 45-1, Gowalia Tank Road, Bombay-26, Maharashtra, "Slats", May 2, 1963.
- Class 3. No. 118047. Doulat Ram Balani, Indian Subject, 211, Nagdevi Street, Jamal Building, 3rd Floor, Bombay-3, Maharashtra, India, "Cleaning apparatus", May 4, 1963.
- Class 3. No. 118062. Champaklal Kalidas Sayani, an Indian Citizen, 91, Ghodbunder Road, Borivali, Bombay-66, Maharashtra, India, "Brush", May 9, 1963.

Class 3. No. 118066. Beenoo Plastic, Indian Firm, Room No. 6, Block No. 1273-A, Ulhasnagar-4, District Thana (Maharashtra), "Toy (magic crosses)", May 9, 1963.

Class 3. No. 118067. Caltex Electric Industries, Indian Partnership Firm, Nadiadwala Tabela, Quairry Road, Malad, Bombay-64, (Maharashtra), "Ceiling rose", May 9, 1963.

Class 3. No. 118068. Caltex Electric Industries, Indian Partnership Firm, Nadiadwala Tabela, Quairry Road, Malad, Bombay-64 (Maharashtra), "Socket", May 9, 1963.

Class 3. No. 118086. Rapid Plastic Industries, an Indian Partnership Firm, 79, Mahamedali House, 3rd Floor, Room No. 44, Mohomedali Road, Bombay-3, Maharashtra, India, "Insulated tumbler", May 13, 1963.

Class 3. No. 118359. India Trade Lines, 1915, Bazar Sirkiwalan, Delhi-6, Indian Registered Partnership Concern, "An electric plug socket", June 10, 1963.

Class 3. No. 118562. Harjit Singh Khanna, 116, Chittaranjan Avenue, Calcutta, West Bengal, India, an Indian Subject, "Pendant or Locket", July 3, 1963.

Class 3. No. 118564. Cosmos Plastic, Indian Partnership Firm, 233-B, Abdul Rehman Street, Bombay-3, Maharashtra, "Umbrella handles", July 4, 1963.

Class 5. No. 117327. Mohammad Anis, H. No. 80/92, Dondipur, Allahabad, U.P., Indian National, "Label", March 7, 1963.

Class 5. No. 117790. Abdulhusein Saifuddin Mahabaleswarwala, 52, Sarang Street, Bombay-3, State of Maharashtra, Indian National, "Cartons", April 18, 1963.

Class 5. No. 118085. Swastick Industries, a Registered Indian Partnership Firm, 402, Upper Chitpur Road, Calcutta-7, West Bengal, "Wrapper", May 10, 1963.

Class 5. No. 118439. Abdul Rahim Merchant, an Indian Citizen, 57-A, Off Turner Road, Bandra, Bombay-50, Maharashtra, India, "A carton", June 17, 1963.

Class 13. No. 118298. Shree Bansidhar Private Limited, an Indian Company incorporated under the Indian Companies Act, Kankaria Road, Ahmedabad-1, "Textile piecegoods", June 4, 1963.

Class 13. No. 118675. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", July 15, 1963.

Class 13. Nos. 118778 to 118829. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay-1, "Textile goods", July 25, 1963.

Class 13. Nos. 118869 to 118876. The Khatau Makanji Spg. & Wvg. Co. Ltd., Laxmi Building, 6, Ballard Road, Bombay 1, Indian Company, "Textile piecegoods", July 29, 1963.

Class 13. No. 118915. H. A. Shah & Co., Partnership Concern, Vasant Vijay Mills, "Vasant Vijay", 470/471, Worli Road, Bombay-18, (India), "Textile goods", August 1, 1963.

Class 13. Nos. 118927 to 118939. The India United Mills Ltd., Indu House, Dougall Road, Ballard Estate, Bombay-1, State of Maharashtra, India, a company incorporated in India, "Textile piecegoods", August 1, 1963.

Class 13. Nos. 118959 to 118961. The Mafatlal Fine Spg. & Mfg. Co. Ltd., an Indian Company, Navsari, Gujarat State, "Textile goods", August 5, 1963.

Class 13. Nos. 118999 and 11900. The Crown Spg. & Mfg. Co. Ltd., Gokhale Road, (South) Parel, Bombay-13, Maharashtra, Nationality—Indian Company, "Textile goods", August 13, 1963.

Copyright Extended for a Second Period of Five Years

Design No. 104057, Class 13.

Design No. 106872, Class 13.

Copyright Extended for a Third Period of Five Years

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Design No. 106872, Class 13.

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